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CR-136211

Investigation Title: Utilization of Skylab (EREP) System for
Appraising Changes in Continental Migra-
tory Bird Habitat

EREP Investigation No: 486

Period Covered: December 1973

NASA Contract No: T-4114B

Principal Investigations Management Office:

Lyndon B. Johnson Space Center
Houston, Texas 77058

Technical Monitor name: Mr. Roger Hicks

Principal Investigator and sponsoring institution name:

Mr. Harvey K. Nelson, Director
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Jamestown, North Dakota 58401

Type of Report: Monthly Progress

Overall Status:

There is no significant changes in the status of this program since the
previous month's report. No S-192 computer compatible tapes (CCT's)
have been received to date, nor have any photographic products from SL-3
been received. Although we have not received formal notification, it
is our understanding that S-192 CCT's are not being delivered to invest-
igators until improvements in their product quality are complete.

Currently, efforts on this program are devoted to an update of a soft-
ware program for generating statistics on surface water features. Many
of the algorithms for this program have been rewritten to make the program
more compatible for use with satellite data. In particular, a major re-
write of existing programs has been necessary in order to accomodate the
approximately 1033 points per scan line in the EREP S-192 data. It is
expected that software modifications will be complete by early or mid-
January 1974.

Recommendations for Action:

There are no recommendations beyond those made in previous reports.

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770-10152) UTILIZATION OF SKYLAB (EREP)

SYSTEM FOR APPRAISING CHANGES IN

CONTINENTAL MIGRATORY BIRD HABITAT

Progress (Bureau of Sport Fisheries and

Wildlife) 2 p HC \$3.00

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Expected Accomplishments During the Next Period:

We will await the receipt of photographic data, S-192 screening film and CCT's.

Significant Results:

None to report.

Summary Outlook:

The remaining processing and analysis to be performed constitutes the major effort of the program.

Travel Summary and Outlook:

No travel has been undertaken or is anticipated for the forthcoming period.